

WHAT IS CLAIMED IS:

1. An optical monitor module comprising:
a substrate having formed in its one surface a positioning structure for positioning a plurality of optical fibers in parallel and for determining their
5 positions in the direction of their arrangement and in a direction perpendicular to said one surface;
first and second optical fibers mounted in parallel on said substrate by said positioning structure, said first and second optical fibers having formed integrally therewith at the same end lens portions; and
10 a beam splitter or optical filter mounted on said substrate at a position intermediate between elongations of said lens portions of said first and second optical fibers, for transmitting therethrough a portion of light emitted from said lens portion of said first optical fiber and for reflecting the other portion of said light for incidence on said lens portion of said second optical fiber;
15 wherein optical paths between said lens portions of said first and second optical fibers and said beam splitter or optical filter are space.
2. The optical monitor module of claim 1, wherein an end face of said lens portion of each of said first and second optical fibers is angled.
3. The optical monitor module of claim 1, wherein said positioning
20 structure includes first and second grooves of the same shape and the same depth formed in said one surface of said substrate, for positioning said first and second optical fibers disposed in said first and second grooves, respectively.
4. The optical monitor module of claim 3, wherein said first and second grooves are V-grooves.
- 25 5. The optical monitor module of claim 3, wherein said substrate has formed in said one surface three or more parallel grooves of the same shape and the same depth, two of said three or more grooves being said first and second

grooves.

6. The optical monitor module of claim 1, wherein the direction of incidence of light on and emittance from the end face of said lens portion of said first optical fiber and the direction of incidence of light on and emittance
5 from the end face of said lens portion of said second optical fiber intersect near a straight line extending intermediately between elongations of said first and second optical fiber in parallel relation thereto and to said one surface of said substrate, and said beam splitter or optical filter is positioned near said intersection.

10 7. The optical monitor module of claim 6, wherein said straight line is a line centrally between the elongations of said first and second optical fibers.

8. The optical monitor module of claim 1, wherein an optical part for incidence thereon of light transmitted through said beam splitter or optical filter is mounted on said substrate.

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